

**Bovine COLLAGEN Type VI - 001-001-108**
**Code:** 001-001-108

**Size:** 500 µg

**Product Description:** Bovine COLLAGEN Type VI - 001-001-108

**Concentration:** 1.0 mg/ml by UV absorbance at 280 nm

**PhysicalState:** Liquid (sterile filtered)

<b>Label</b>	Unconjugated
<b>Gene Name</b>	COL6A1
<b>Buffer</b>	0.5 M Sodium Acetate, pH 4.5
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	Collagen alpha 1 (VI) chain, COL6A1, Bovine Collagen Type VI
<b>Application Note</b>	For use as a control or standard in indirect trapping ELISA for quantitation of antigen using a standard curve, for immunoprecipitation and for other immunological assays as optimized by the user. Specific conditions should be optimized by user.
<b>Background</b>	In muscle tissue, collagen serves as a major component of the endomysium. Collagen constitutes one to two percent of muscle tissue, and accounts for 6% of the weight of strong, tendinous muscles. A collagen may be defined as a protein containing sizable domain(s) of triple-helical conformation. Type IV collagen is a major macromolecular constituent of basement membranes and can be readily isolated from basement-membrane-rich tissues or highly vascularized tissues such as the placental villi. This collagen appears to be largely restricted to structures identifiable as basement membranes. In contrast, type VI collagen appears to be prevalent in several tissues even though it has been isolated largely from placental villi preparations. The extent to which type VII and VIII collagens are distributed is not known.
<b>Purity And Specificity</b>	This product has been prepared from Bovine Placenta and is chromatographically and immunologically pure. This product reacts with anti-Collagen Type VI. Reaction with Rockland's anti-Collagen I, II, III, IV or V is negligible (typically less than 1% cross reactivity was detected by ELISA).
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:10,000
<b>Western Blot</b>	1:1000
<b>Immunohistochemistry</b>	1:100-1:500
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is six (6) months from date of opening.

**Related Products**

200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

**Disclaimer**

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